

Stage Gate Review Criteria

- **Strategic Fit**
 - *Does proposed research build knowledge or capability in alignment with program strategic direction?*
- **Customer**
 - *Who are the customers for the new knowledge or capability?*
 - *How will the knowledge or capability developed be valuable to the customer, or essential to future commercialization?*
 - *What are business risks to investing in this line of research or developing this capability?*
- **Technical Feasibility and Risks**
 - *Is research approach feasible?*
 - *Describe how proposed work is a departure and improvement from current research pathways.*
 - *What are the technical risks in carrying out this research or developing this capability?*
- **Competitive Advantage**
 - *How will proposed knowledge or capability improve the chances of commercial success?*
 - *What other research or development routes exist and what are their relative advantages and disadvantages?*
 - *What could happen to make this area of exploratory research, or capability obsolete?*
- **Legal/Regulatory Compliance**
 - *Patent positions*
 - *Waste streams, emissions, safety, permitting*
 - *Are issues surmountable?*
- **Critical Success Factors and Showstoppers**
 - *Provide prepared list of success factors and showstoppers.*
 - *Have critical success factors been addressed?*
 - *Plans to address potential business and technical showstoppers.*
- **Plan to Proceed**
 - *What are the detailed plans for the next stage (with milestones, schedule, and resource estimates)?*

Outline

- *What are the general plans for the next stage?*

Gate Keepers

- Lab or Organization Technical Manager
- DOE Program Manager
- Organization Technical Lead
- Industry Partner(s)

Gantt or similar type of Chart

Goals:

- 1.
- 2.

Stage Work Activities:

- **Market Assessment**
- **Research Activities**

Stage Outputs:

- **Market Assessment**
- **Research Results**
- **Detailed Technical Assessment**